

## OUABAIN-SPECIFIC MONOCLONAL ANTIBODIES

## ABSTRACT OF THE DISCLOSURE

The invention relates to a monoclonal antibody or antigen binding fragment thereof having binding specificity for ouabain, wherein the antibody or antigen binding fragment does not crossreact with digoxin. Preferably the anti-ouabain monoclonal antibody can bind ouabain with an affinity of at least about  $10^{-7}\text{M}$ , preferably  $10^{-8}\text{M}$ , and more preferably  $10^{-9}\text{M}$ . The invention also relates to diagnostic and therapeutic uses of the monoclonal antibodies described herein.